

DRP		Page
Performance sheet	RX183/005-B	1/2
CUSTOMER:	SEIGER	CUSTOMER ORDER REF: 945896 SEIGER
DISTRIBUTOR:	REDEX GmbH	REDEX ORDER REF: 216509
DESIGNATION:	DRP2.R1.61.4.H	SERIAL NUMBER: 906347
CODE:	RX135386-32	MOTOR FLANGE CODE: RX129627-01

Mechanical preload data

The preload torque of the gearbox in DUALDRIVE configuration depends on the application data and features of the gearbox.

The preload torque can be increased but must never exceed the maximum value indicated below.

A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque Tp:	Following application
Maximum preload torque:	6,7 Nm

For the installation, please refer to User Manual DRP (182/009)

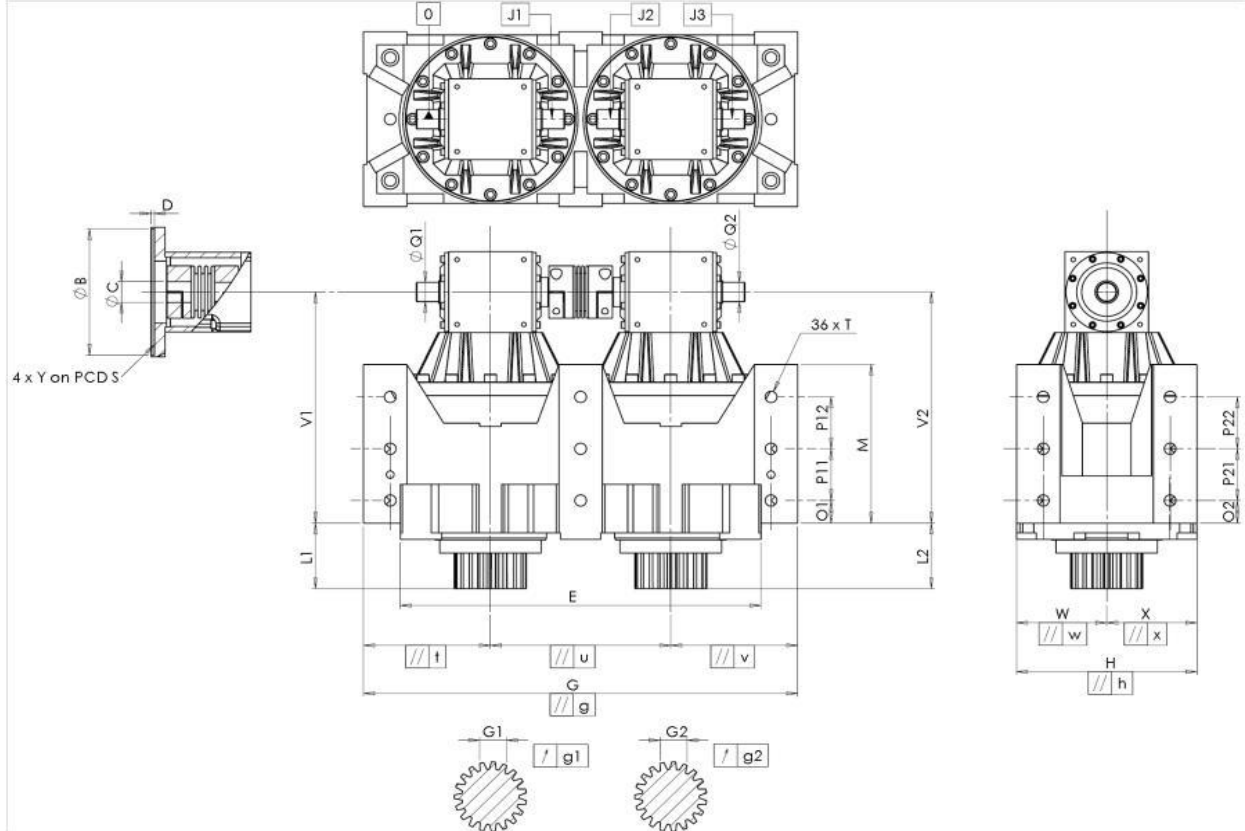
SPECIFIC REMARKS:

Product images are for illustrative purposes only.

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DRP		Page
Performance sheet	RX183/005-B	2/2
EXTERNAL DIMENSIONS & INTERFACES:		SN: 906347
		

General tolerance: Js13				Cmm	Automatic / manual coordinate-measuring machine				µm	Micrometer		Cr	Calliper rule		Di	Dial indicator		Pg	Plug gauge	
HOUSING					HOUSING					MOTOR FLANGE										
requirement					measure		requirement					measure		requirement				measure		
					D3066							30						E8719		
	E	460	⁰ _{-0,05}	Cmm	459,984		O1	30	Cr	30		Ø	B	180	^{+0,054} _{+0,014}	µm	180,025			
	G	560	^{+0,1} _{-0,1}	Cmm	559,971		P11	75	Cr	75		Ø	C	38	^{+0,05} _{+0,025}	µm	38,03			
//	g	0,045		Cmm	0,026		M	210	^{+0,1} _{-0,1}	Cmm	209,964		D	8		Cr	8,09			
//	t	0,045		Cmm	0,001		O2	30	Cr	30		Ø	S	215		Cr	215			
//	u	0,03		Cmm	0,005		P21	75	Cr	75		Ø	Y	M12		Pg	M12			
//	v	0,045		Cmm	0,005		P22	75	Cr	75										
	W	115		Cmm	114,998	Ø	T	M16	Pg	M16										
//	w	0,03		Cmm	0,007	OUTPUT PINION														
	X	115		Cmm	115,017	Pinion 1					J2727									
//	x	0,03		Cmm	0,008	Span dimension over 4 teeth														
	H	230	^{+0,025} _{-0,025}	Cmm	230,014		G1	44,27	⁰ _{-0,03}	Cmm	44,255									
//	h	0,02		Cmm	0,006	↗	g1	0,022	Di	0,01										
	V1	298		Cmm	298,278	Pinion 2					J2740									
	L1	85		Cmm	85,106	Span dimension over 4 teeth														
	V2	298		Cmm	298,25		G2	44,27	⁰ _{-0,03}	Cmm	44,25									
Ø	Q1	25	^{+0,009} _{-0,004}	Cmm	25,006	↗	g2	0,022	Di	0,005	Torsional stiffness (Nm/arcmin)		1	243,75						
Ø	Q2	25	^{+0,009} _{-0,004}	Cmm	25,008	No-load input torque					Radial stiffness (N/µm)		2	243,75						
	J1	/0	Di	0,02	Noise level					@1600 rpm input (dB(A))		71,5								
	J2	/0	Di	-0,02	Line					0,7 Nm										
	J3	/0	Di	-0,025	Line 2					0,7 Nm										

Date: 09/05/2022

Visa: C DE MIRANDA

Version: A

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